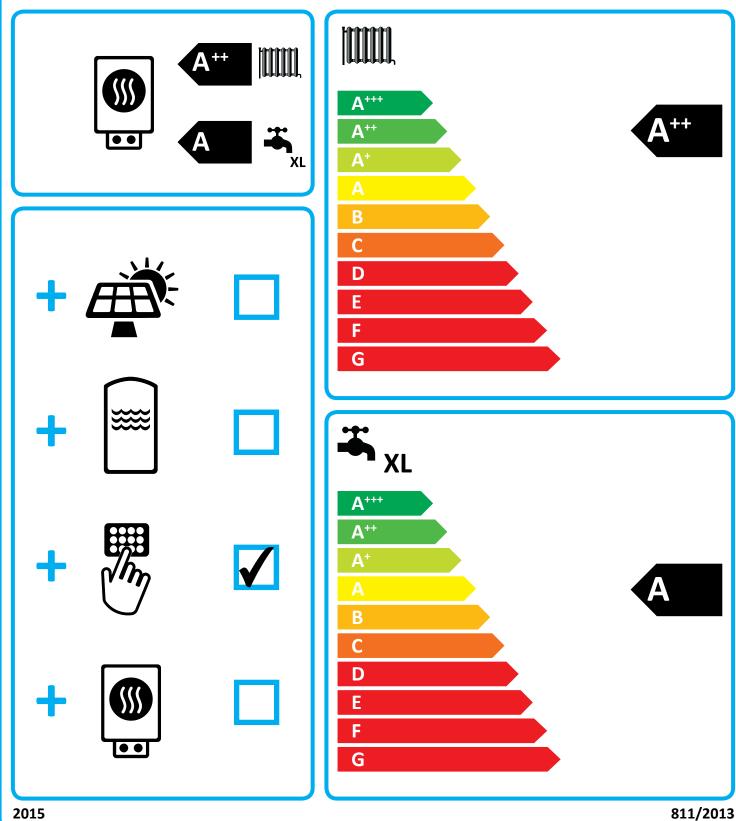




NIBE

NIBE S735-7 Cu



Supplier's name:	NIBE			
Model:	NIBE S73	35-7 Cu		
Temperature application	35	55	°C	
Declared load profile for water	XL			
heating	ΛL	-		
Seasonal space heating energy	A+++	A++		
efficiency class, average climate:	Attt	Att		
Water heating energy efficiency	А			
class, average climate:				
Poted best sutput, sverage slimeter	6	6	kW	
Rated heat output, average climate: Annual energy consumption for				
space heating, average climate	2571	3156	kWh	
Annual electricity consumption for				
water heating, average climate	1469		kWh	
Seasonal space heating energy				
efficiency, average climate:	177	144	%	
Water heating energy efficiency,				
average climate:	114		%	
Sound power level LWA indoors	44		dB	
Rated heat output, cold climate:	6	6	kW	
Rated heat output, warm climate:	6	6	kW	
Annual energy consumption for	0005	0000	1.14/1-	
space heating, cold climate	2905	3622	kWh	
Annual electricity consumption for	1469		kWh	
water heating, cold climate			KVVII	
Annual energy consumption for	1695	2070	kWh	
space heating, warm climate	1095	2070	K V V I I	
Annual electricity consumption for	1469		kWh	
water heating, warm climate				
Seasonal space heating energy	187	149	%	
efficiency, cold climate:			,.	
Water heating energy efficiency,	114		%	
cold climate:				
Seasonal space heating energy	174	142	%	
efficiency, warm climate:				
Water heating energy efficiency, warm climate:	11	4	%	
warm climate: Sound power level LWA outdoors				
	-		dB	

Data for package fiche

Controller class	VI		
Controler contribution to efficiency	4		%
Seasonal space heating energy efficiency of package, average climate:	181	148	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A++	%
Seasonal space heating energy efficiency of package, cold climate:	191	153	%
Seasonal space heating energy efficiency of package, warm climate:	178	146	%

Model(s):			NIB	E S735-7 Cu				
Type of heat source/sink:			Exhau	ust air/water				
Low-temperature heat pump: Equipped with supplementary heater: Heat pump combination heater:				No				
				Yes	NIBE			
				Yes				
Climate condition:			ŀ	Average				
Temperature application:		Medium temperature (55 °C)		mperature (55 °C)				
Applied standards: EN14825 - EN16147	- EN12102-	1						
				Seasonal space heating energy				
Rated heat output	Prated	5,6	kW	efficiency	η _s	144	%	
Declared capacity for part load at outdoor tem	perature Tj			Declared coefficient of performance for	part load at outdo	or temperatur	re Tj	
Tj = -7 °C	Pdh	4,9	kW	Tj = -7 °C	COPd	2,52		
Tj = +2 °C	Pdh	3,0	kW	Tj = +2 °C	COPd	3,77		
Tj = +7 °C	Pdh	2,0	kW	Tj = +7 °C	COPd	4,53		
Tj = +12 °C	Pdh	1,5	kW	Tj = +12 °C	COPd	5,20		
Tj = biv	Pdh	5,5	kW	Tj = biv	COPd	2,33		
Tj = TOL	Pdh	5,5	kW	Tj = TOL	COPd	2,33		
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd			
Bivalent temperature	T _{biv}	-10	°C	Operation limit temperature	TOL	-10	°C	
Cycling interval capacity for heating	Pcych		kW	Cycling interval efficiency	СОРсус		-	
Degradation co-efficient	Cdh	0.87	-	Heating water operating limit	WTOL	65	°C	
		-	<u> </u>					
Power consumption in modes other than active		0.000	1 1.1.1	Supplementary heater				
Off mode	P _{OFF}	0,008	kW	Rated heat output	Psup	0,0	kW	
Thermostat-off mode	P _{TO}	0,038	kW					
Standby mode	P _{SB}	0,034	kW	Type of energy input		Electric		
Crankcase heater mode	P _{CK}	0,008	kW					
Other items								
Capacity control		Variable		Rated air flow rate, outdoors		239,00	m³/h	
				Rated water flow rate, indoor he	at			
Sound power level, indoors/outdoors	L _{WA}	44/-	dB	exchanger		0,47	m³/h	
				Rated brine or water flow rate,				
Annual energy consumption	Q _{HE}	3156	kWh	outdoor heat exchanger			m³/h	
For heat pump combination heater:								
Declared load profile		XL		Water heating energy efficiency	η _{wh}	114	%	
Daily electricity consumption	Q _{elec}	7,08	kWh	Daily fuel consumption	Q _{fuel}		kWh	
Annual electricity consumption	AEC	1469	kWh	Annual fuel consumption	AFC		GJ	
Approved by:								
Contact details	© NIBE F	nergy Syste	ems - Box	14 - Hannabadsvägen 5 - 28521 M	arkarvd - Swe	den		